

FEDERAL SUPPLY CLASS  
4720

AS4799

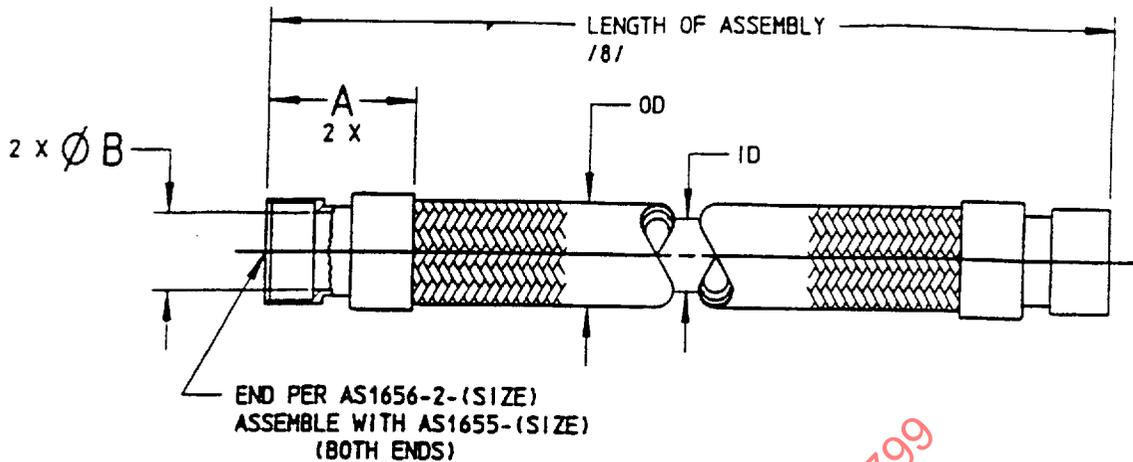


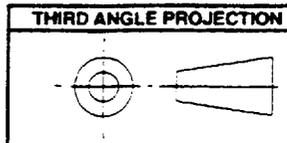
FIGURE 1 - HOSE ASSEMBLY

TABLE 1 - BASIC HOSE AND END FITTING DIMENSIONS

BASIC NO. AND SIZE CODE	HOSE SIZE (REF)	A MAX	B MIN	ID MIN	OD MIN	OD MAX
AS4799-08	.500	1.60	.425	.475	.65	.73
AS4799-10	.625	1.60	.550	.600	.81	.85
AS4799-12	.750	1.84	.654	.725	.94	.98
AS4799-16	1.000	1.92	.909	.975	1.19	1.23

TABLE 2 - LENGTH TOLERANCE

HOSE ASSEMBLY LENGTH	AVAILABLE INCREMENTS	+ TOLERANCE	- TOLERANCE
UNDER 18 in	(NOT LESS THAN) .125 in	.125	.125
18 THRU 36 in	(NOT LESS THAN) .250 in	.250	.250
OVER 36 THRU 100 in	(NOT LESS THAN) .500 in	.375	.375
OVER 100 THRU 500 in	(NOT LESS THAN) 1.000 in	.5%	.500
OVER 500 in	(NOT LESS THAN) 1.000 in	1%	.500



CUSTODIAN: SAE G-3/G-3D

PROCUREMENT SPECIFICATION: /3/ AS4468

**SAE** The Engineering Society  
For Advancing Mobility  
Land Sea Air and Space  
**INTERNATIONAL**

400 Commonwealth Drive, Warrendale, PA 15096-0001

**AEROSPACE STANDARD**

HOSE ASSEMBLY, SILICONE, LINED -  
FIXED CAVITY COUPLING, POTABLE WATER,  
125 psi, STRAIGHT FEMALE TO STRAIGHT FEMALE

**AS4799**

SHEET 1 OF 2

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user." SAE reviews each technical report at least every five years at which time it may be reaffirmed, revised, or cancelled. SAE invites your written comments and suggestions.

ISSUED 1993-06-04 REVISED